

## References

1. Y. Rofé and J. Goldberg , Prolonged exposure to a war environment and its effects on the blood pressure of pregnant women. *Br. J. Med. Psychol.* **56** (1983), pp. 305–311.
2. S. Marcoux, J. Brisson and J. Fabia , The effect of leisure time physical activity on the risk of preeclampsia and gestational hypertension. *J. Epidemiol. Community Health* **43** (1989), pp. 147–152.
3. M. Klebanoff, P.H. Shiono and G.G. Rhoads , Outcome of pregnancy in the national sample of resident physicians. *N. Engl. J. Med.* **323** (1990), pp. 1040–1045.
4. B. Eskenazi, L. Fenster and S. Sidney , A multivariate analysis of risk factors for preeclampsia. *JAMA* **266** (1991), pp. 237–241.
5. M.J. Saurel-Cubizolles, M. Kaminski, C. Du Mazaubrun, J. Llado and M. Estryn-Behar , High blood pressure during pregnancy and working conditions among hospital personnel. *Eur. J. Obstet. Gynecol. Reprod. Biol.* **40** (1991), pp. 29–34 doi: 0028-2243/91 . [Abstract](#) | [Full Text + Links](#) | [PDF \(583 K\)](#)
6. P.A. Landsbergis and M.C. Hatch , Psychosocial work estresse and pregnancy-induced hypertension. *Epidemiology* **7** (1996), pp. 346–351.
7. H.S. Klonoff-Cohen, J.L. Cross and C.F. Piper , Job stress and preeclampsia. *Epidemiology* **7** (1996), pp. 245–249.
8. E. Wergeland and K. Strand , Working conditions and prevalence of pre-eclampsia, Norway 1989. *Int. J. Gynecol. Obstet.* **58** (1997), pp. 189–196 Doi: PII S0020-7292(97)00083-0 . [Abstract](#) | [Full Text + Links](#) | [PDF \(687 K\)](#)
9. S. Marcoux, S. Bérubé, C. Brisson and M. Mondor , Job strain and pregnancy-induced hypertension. *Epidemiology* **10** (1999), pp. 376–382.
10. E. Van Beck and L.L. Peeters , Pathogenesis of preeclampsia: a comprehensive model [Review] . *Obstet. Gynecol. Surv.* **53** (1998), pp. 233–239.
11. L.C. Chesley , History and epidemiology of preeclampsia–eclampsia. *Clin. Obstet. Gynecol.* **27** (1984), pp. 801–820.
12. A.F. Saftlas, D.R. Olson, A.L. Franks, H.K. Atrash and R. Pokras , Epidemiology of preeclampsia and eclampsia in the United States, 1979–1986 [see comments]. *Am. J. Obstet. Gynecol.* **163** (1990), pp. 460–465 doi:10.1067/mob.1990.22023 .
13. J.C.H. Dunlop , Chronic hypertension and perinatal mortality. *Proc. R. Soc. Med.* **59** (1966), pp. 838–841.

14. P. Velentgas, E. Benga De and M.A. Williams , Chronic hypertension, pregnancy-induced hypertension, and low birthweight. *Epidemiology* **5** (1994), pp. 345–348.
15. M.Z. Ansari, B.A. Mueller and M.A. Krohn , Epidemiology of eclampsia. *Eur. J. Epidemiol.* **11** (1995), pp. 447–451.
16. N.M. Kaplan , Systemic hypertension: mechanism and diagnosis. In: E. Braunwald, Editor, *Heart Disease: A Textbook of Cardiovascular Medicine* (4th Edn. ed.),, WB Saunders Company, Philadelphia (1992), pp. 817–851.
17. T.W. Wilson, L.R. Holifield and C.E. Grim , Systolic blood pressure levels in black populations in sub-Sahara Africa, the West Indies and United States. A meta-analysis. *Hypertension* **18** (1991), pp. 187–191.
18. Intersalt cooperative research group. Intersalt: An international study of electrolyte excretion and blood pressure. Results for 24 hour urinary sodium and potassium excretion. *Br Med J* 1988;297:319–328.
19. O.O. Akinkugbe , World epidemiology of hypertension in blacks. *J. Clin. Hypertens.* **3** (1987), pp. 1S–8S.
20. C.E. Grim, J.P. Henry and H. Myers , High blood pressure in blacks: salt, slavery, survival, stress, and racism. In: J.H. Laragh and B.M. Brenner, Editors, *Hypertension – Pathophysiology, Diagnosis and Management* (2nd Edn. ed.),, Raven Press, New York (1995), pp. 171–207.
21. D.R. Jacobs, Jr., H. Adachi, I. Mulder, D. Kromhout, A. Menotti, A. Nissinen and H. Blackburn , Cigarette smoking and mortality risk: twenty-five-year follow-up of the Seven Countries Study. *Arch. Intern. Med.* **159** 7 (1999), pp. 733–740.
22. H.S. Ros, S. Cnattingius and L. Lipworth , Comparison of risk factors for preeclampsia and gestational hypertension in a population-based cohort study. *Am. J. Epidemiol.* **147** (1998), pp. 1062–1070.
23. S. Cnattingius, J.I. Mills, J. Yuen, O. Eriksson and H. Salonen , The paradoxical effect of smoking in preeclamptic pregnancies: smoking reduces the incidence but increases the rates of perinatal mortality, abruptio placentae, and intrauterine growth restriction. *Am. J. Obstet. Gynecol.* **177** (1997), pp. 156–161  
doi:10.1067/mob.1997.81734 .
24. S. Schachter , Pharmacological and psychological determinants of smoking: a New York University honors program lecture. *Ann. Int. Med.* **88** (1978), pp. 104–114.
25. K. Wesnes and D.M. Warburton , Smoking, nicotine and human performance. *Pharmacol. Ther.* **21** (1983), pp. 189–208. [Abstract](#) | [Abstract + References](#) | [PDF \(1795 K\)](#)

26. J.D. Killen, S.P. Fortmann, M.J. Telch and B. Newman , Are heavy smokers different from light smokers? A comparison after 48 hours without cigarettes. *JAMA* **260** (1988), pp. 1581–1585.

27. J.M. Roberts, R.N. Taylor, T.J. Musci, G.M. Rodgers, C.A. Hubel and M.K. Mclaughlin , Preeclampsia: an endothelial cell disorder. *Am. J. Obstet. Gynecol.* **161** (1989), pp. 1200–1204 doi:10.1067/mob.1998.13998 .

28. N.H. Takiuti, S. Kahhale and M. Zugaib , Stress in pregnancy: a new Wistar rat model for human preeclampsia. *Am. J. Obstet. Gynecol.* **186** (2002), pp. 544–550 doi:10.1067/mob.2002.121102 . [Abstract](#) | [PDF \(61 K\)](#)

29. T.R. Easterling, T.F. Benedetti, B.C. Schmucker and S.P. Millard , Maternal hemodynamics in normal and preeclamptic pregnancies: a longitudinal study. *Obstet. Gynecol.* **76** (1990), pp. 1061–1069.

30. S.G. Li, D.C. Randall and D.R. Brown , Roles of cardiac output and peripheral resistance in mediating blood pressure response to stress in rats. *Am. J. Physiol.* **274** (1998), pp. R1065–R1069 doi:0363-6119/98 .

31. T.R. Easterling and T.J. Benedetti , Preeclampsia: a hyperdynamic disease model. *Am. J. Obstet. Gynecol.* **160** (1989), pp. 1447–1453.

32. H.P. Schobel, T. Fischer, K. Heuszer, H. Geiger and R.E. Schmieder , Preeclampsia – A state of sympathetic overactivity. *N. Engl. J. Med.* **335** (1996), pp. 1480–1485.

33. N. Kanayama, R. Tsujimura, L. She, K. Maehara and T. Terao , Cold-induced stress stimulates the sympathetic nervous system, causing hypertension and proteinuria in rats. *J. Hypertens.* **15** (1997), pp. 383–389.

34. S. Khatun, N. Kanayama, H.M. Belayet, M. Masui, M. Sugimura, T. Kobayashi and T. Terao , Induction of preeclampsia like phenomena by stimulation of sympathetic nerve with cold and fasting stress. *Eur. J. Obstet. Gynecol. Reprod. Biol.* **86** (September 1999), pp. 89–97 doi:S0301-2115 (99)00050-0 . [Abstract](#) | [Full Text + Links](#) | [PDF \(1969 K\)](#)

35. C. Darwin , On the Origin of Species by Means of Natural Selection. , Murray, Londres (1859).

36. I.T. Manyonda, D.M. Slater, C. Fenske, D. Hole, M.Y. Choy and C. Wilson , A role for noradrenaline in pre-eclampsia: towards a unifying hypothesis for the pathophysiology. *Br. J. Obstet. Gynaecol.* **105** (1998), pp. 641–648.

37. A.V. Perkins, E.A. Linton, F. Eben, J. Simpson, C.D. Wolfe and C.W. Redman , Corticotrophin-releasing hormone and corticotrophin-releasing hormone binding protein in normal and pre-eclamptic human pregnancies. *Br. J. Obstet. Gynaecol.* **102** (1995), pp. 118–122.

38. C.A. Liapi, D.E. Tsakalia, C.C. Panitsa Fafila, A.I. Antsaklis, D.I. Aravantinos and M.L. Batrinos, Corticotropin-releasing-hormone levels in pregnancy-induced hypertension. *Eur. J. Obstet. Gynecol. Reprod. Biol.* **68** (1996), pp. 109–114 doi: S0301-2115(96)02508-0 . [Abstract](#) | [PDF \(387 K\)](#)

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